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09/955885  
10/61/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSISTANT COMMISSIONER FOR PATENTS  
Box Patent Application  
Washington, D. C. 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

Yasutoshi HIRANO

Inventor

for

DIGITAL SIGNAL PROCESSOR AND MODEM USING THE SAME

Title of Invention

APPLICATION ELEMENTS ENCLOSED:

1. X Specification (total pages 31) including:
  - a. 7 pages of claims (14 claims)
  - b. 1 page Abstract
2. X 4 sheets of     informal X formal drawings (Figs. 1-4)
3. X Oath or declaration of Applicants ( 2 total pages)
  - a. X Newly executed (original or copy)
  - b.     Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Item 14 completed)
4.     Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5.     Incorporation By Reference  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.     Microfiche Computer Program (Appendix)

APPLICATION PARTS ENCLOSED:

7. X An assignment of the invention to Ricoh Company, Ltd. (cover sheet & document(s))
8.     37 CFR 3.73(b) Statement (when there is an assignee)
9. X Power of Attorney
  - a. X Newly executed (original or copy)
  - b.     Copy from a prior application

10. ☒ Information Disclosure Statement (IDS)/PTO-1449  
       ☒ Copies of IDS Citations
11. ☐ A Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
13. ☐ A small entity statement under 37 C.F.R. §1.9 and §1.27  
       ☐ Statement filed in prior application, status still proper and desired
14. ☐ If a Continuing Application, *check the appropriate box and supply the requisite information:*  
       ☐ Continuation of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_  
       ☐ Divisional of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_  
       ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_
15. ☐ Amend the specification by inserting before the first line of page one: --This is a ☐ continuation  
       ☐ divisional of application Serial No. \_\_\_\_\_ filed \_\_\_\_--
16. ☒ Priority of application No. 2000-292289 filed in Japan on September 26, 2000. Applicant  
       hereby claims priority under 35 U.S.C. § 119.  
       ☒ A certified copy of priority application No. 2000-292289 will be submitted in due course.  
       ☐ A certified copy of priority application No. \_\_\_\_\_ has been filed in prior application  
       S.N. \_\_\_\_\_ filed \_\_\_\_\_
17. ☐ Other (identify) \_\_\_\_\_

The filing fee is calculated as follows:


CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT

					Rate		Fee	
	Number Filed		Number Extra*		Small Entity	Other Entity	Small Entity	Other Entity
Total Claims	14-20	=	0	x	\$ 9	\$ 18	=	\$ 0
Indep. Claims	2-3	=	0	x	\$ 40	\$ 80	=	\$ 0
Multiple Dependent Claims Presented: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					\$135	\$270	=	\$ 0
If the difference in column 1 is less than zero, enter "0" in column 2					Basic Fee		\$ 355	\$ 710
					Total Fee			\$ 710

095385-091901

- CORRESPONDENCE ADDRESS:

Respectfully submitted,

  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Yasutoshi HIRANO  
Serial No. : Not Yet Assigned Group Art Unit:  
Date Filed : Concurrently Herewith Examiner:  
For : DIGITAL SIGNAL PROCESSOR AND MODEM USING THE SAME

1185 Avenue of the Americas  
New York, N.Y. 10036

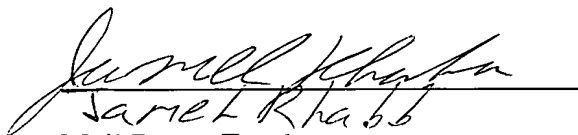
Assistant Commissioner for Patents  
**Box Patent Application**  
Washington, D.C. 20231

**EXPRESS MAIL**  
**LETTER OF TRANSMITTAL**

Express Mail mailing label number: EL531588611US

Date of Deposit: September 19, 2001

I hereby certify that the above-identified application consisting of a 31-page specification, 14 claims, 4 sheets of formal drawings, 3 copies of transmittal form, executed Declaration and Power of Attorney form, executed Assignment form, 1595 recordation form, check for \$40.00 for recordation fee, Information Disclosure Statement, Form PTO-1449 form and copies of cited references and check for \$710 filing fee, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Janet Rhabb  
Mail Room Employee  
Depositing Express Mail Material

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